



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

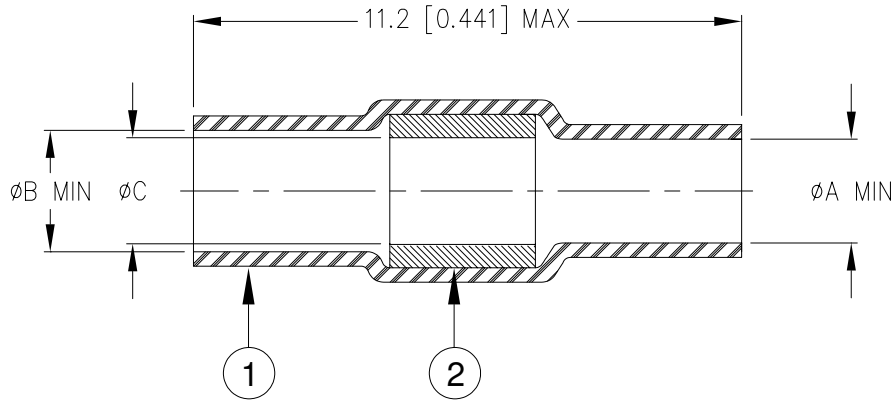
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



## SPECIFICATION CONTROL DRAWING



Product Name	Product Dimensions		
	$\phi A^1$ min	$\phi B^1$ min	$\phi C^2$
D-110-1801	1.9 [0.075]	2.41 [0.095]	2.52±0.05 [0.100±0.002]
D-110-1802	2.8 [0.110]	3.18 [0.125]	3.15±0.05 [0.120±0.002]
D-110-1803	4.6 [0.180]	5.08 [0.200]	5.06±0.05 [0.200±0.002]
D-110-1804	6.0 [0.235]	6.35 [0.250]	6.50±0.10 [0.256±0.004]
D-110-1805	7.1 [0.280]	7.62 [0.300]	7.60±0.10 [0.300±0.004]
D-110-1806	9.0 [0.355]	10.40 [0.410]	11.68±0.10 [0.460±0.004]

<sup>1</sup>As received minimum: Insulation diameter for wires entering this end must be less than this value.

<sup>2</sup>Solder preform diameter: Combined conductor diameter must be less than this value.

### MATERIALS

- INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked polyvinylidene fluoride.
- SOLDER PREFORM WITH FLUX:
  - SOLDER: Cd18 per ANSI / J-STD-006.
  - FLUX: ROL1 per ANSI / J-STD-004.

### APPLICATION

- This part is designed for use in splicing wires rated for at least 125°C, having tin plated conductors.
- When installed in accordance with Raychem Process Standard RCPS-100-70, parts will meet performance requirements of Raychem Specification RT-1404 for non-sealed splices.
- Temperature rating: -55°C to +125°C.
- Pre-tinning wires larger than 20AWG (use Cd18, Sn60 or Sn63 solder) will decrease installation time and increase usable CMA range.

<b>tyco</b> Electronics		Tyco Electronics Corporation 300 Constitution Drive, Menlo Park, CA. 94025, U.S.A.		<b>Raychem</b>		TITLE: SOLDERSLEEVE DEVICE			
Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets]					DOCUMENT NO: <b>D-110-1801/-1806</b>				
TOLERANCES: 0.00 N/A 0.0 N/A 0 N/A		ANGLES: N/A ROUGHNESS IN MICRON		Tyco Electronics reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application.				REV.: A	
DATE: 10-Jul-06		REPLACES: D000036		CAGE CODE : 06090		SCALE: ---		SIZE: A	
PREPARED BY: mforonda		DCR NUMBER: D060162		REPLACES: D000036		SCALE: ---		SHEET: 1 of 1	

© 2006 Tyco Electronics Corporation. All rights reserved.

If this document is printed it becomes uncontrolled. Check for the latest revision.